IN THE CLAIMS:

Please amend claims 1-4, 8, 12, 14, 17, and 18-22, cancel claims 5-7, 9-11, 13, 15, and 16, without prejudice or disclaimer, and add new claims 23-26 as follows:

1. (Currently Amended) A geospatial media recorder, comprising: A medium with a discrete geospatial coordinate embodied thereon, said geospatial coordinate comprising a single concatenated numeric geospatial measurement from latitude and longitude coordinates or decimal equivalent coordinates and additional spatial information converting means for converting longitude and latitude geographic degree, minutes, and seconds (DMS) coordinate alphanumeric representations or decimal equivalent geographic coordinate alphanumeric representations and altitude alphanumeric representations into individual discrete all-natural number geographic coordinate and measurement representations; and

combining means for concatenating the individual discrete all-natural number geographic coordinate and measurement representations into a single discrete all-natural number geospatial coordinate measurement representation for identification of a geospatial positional location at, below, or above earth's surface.

2. (Currently Amended) The medium geospatial media recorder according to claim 1, in combination with wherein the converting means further converts converting means for converting latitude and longitude coordinates or decimal equivalent coordinates and additional spatial information comprising date, local time, and global

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time into the <u>individual discrete all-natural number geographic coordinate and</u>

<u>measurement representations</u> ~~geospatial coordinate~~ for encoding onto <u>a data segment of</u> a

video frame at a time of media acquisition.

3.   (Currently Amended) The <u>geospatial media recorder</u> ~~combination~~

according to claim 2, further comprising:

encoding means for encoding <u>the single discrete all-natural number</u> geospatial

coordinate <u>measurement representation</u> ~~data~~ onto ~~a~~ <u>the</u> data segment of ~~a~~ <u>the</u> video frame

at a time of geospatial data acquisition.

4.   (Currently Amended) The <u>geospatial media recorder</u> ~~combination~~

according to claim 3, further comprising:

capturing means having a geospatial receiver interconnected with a focus element

at a first location, said capturing means ~~being configured~~ for capturing information of an

entity at a second location, and geospatially referencing the second location to the first

location in accordance with a focus ratio of the focus element and <u>the single discrete all-</u>

<u>natural number</u> geospatial <u>coordinate measurement representation</u> ~~data~~ associated with

the geospatial receiver.

5-7   Cancelled

8.   (Currently Amended) ~~Acquisition~~An acquisition ~~means~~ module for acquiring geospatial data, said acquisition ~~means~~ module comprising:

encoding means for encoding geospatial data onto a data segment of a video frame at a time of geospatial data acquisition;

capturing means having a geospatial receiver interconnected with a focus element at a first location, said capturing means being configured for capturing information of an entity at a second location, and geospatially referencing the second location to the first location in accordance with a focus ratio of the focus element and geospatial data associated with the geospatial receiver; and

converting means for converting latitude and longitude coordinates or decimal equivalent coordinates and additional spatial information into a concatenated single discrete all-natural ~~concatenated~~ numeric geospatial data format for encoding onto the data segment of ~~a~~ the video frame at a time of media acquisition.

9-11   Cancelled

12.   (Currently Amended) A geospatial information processing method comprising:

~~providing latitude and longitude coordinates or decimal equivalent coordinates and additional spatial information; and~~

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converting ~~the~~ latitude and longitude ~~coordinates~~ geographic degree, minutes, and seconds (DMS) coordinate alphanumeric representations or ~~the~~ decimal equivalent geographic coordinate ~~coordinates and the additional spatial information into a single concatenated numeric geospatial data format~~ alphanumeric representations and altitude alphanumeric representations into individual discrete all-natural number geographic coordinate and measurement representations; and

concatenating the individual discrete all-natural number geographic coordinate and measurement representations into a single discrete all-natural number geospatial coordinate measurement representation for identification of a geospatial positional location at, below, or above earth's surface.

13.	Cancelled

14.	(Currently Amended) The geospatial information processing method according to claim 12, further comprising:

encoding the single discrete all-natural number geospatial ~~data~~ coordinate measurement representation onto a data segment of a video frame at a time of geospatial data acquisition.

15 - 16	Cancelled

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17.   (Currently Amended) The geospatial information processing method according to claim 12, further comprising:

providing a geospatial receiver interconnected with a focus element at a first location for capturing information of an entity at a second location; and

geospatially referencing the second location to the first location in accordance with a focus ratio of the focus element and the single discrete all-natural number geospatial coordinate measurement representation data associated with the geospatial receiver.

18.   (Currently Amended) The geospatial information processing method according to claim 12, further comprising:

writing the single discrete all-natural number geospatial coordinate measurement representation on media producing integrated geospatial datasets.

19.   (Currently Amended) The geospatial information processing method according to claim 12, further comprising:

encoding the single discrete all-natural number geospatial coordinate measurement representation on a medium distributing geospatial datasets.

20.   (Currently Amended) The medium according to claim 1, wherein said single concatenated numeric geospatial measurement the single discrete all-natural

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number geospatial coordinate measurement representation is stored in an encapsulated

object class and the single discrete all-natural geospatial coordinate measurement

representation is written on media or encoded on a medium.

21.   (Currently Amended) The acquisition ~~means~~ module according to claim 8,

wherein said converting means stores ~~said~~the concatenated single discrete all-natural

~~single concatenated~~ numeric geospatial data format in an encapsulated object class.

22.   (Currently Amended) The geospatial information processing method

according to claim 12, further comprising:

storing the single discrete all-natural number geospatial coordinate measurement

representation ~~converted global positioning system coordinates~~ in an encapsulated object

class.

23.   (New) The geospatial information processing method according to claim

12, wherein the converting step further comprises converting additional spatial

information comprising date, local time, and global time into the individual discrete all-

natural number geographic coordinate and measurement representations for encoding

onto a video frame at a time of media acquisition and the concatenating step further

comprises concatenating the individual discrete all-natural number geographic coordinate

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and measurement representations into the single discrete all-natural number geospatial coordinate measurement representation.

24.   (New) The geospatial media recorder according to claim 1, wherein the converting means is further configured to convert additional spatial information comprising date, local time, and global time into the individual discrete all-natural number geographic coordinate and measurement representations for encoding onto a data segment of a video frame at a time of media acquisition.

25.   (New) A geospatial media recorder, comprising:

a converter configured to convert longitude and latitude geographic degree, minutes, and seconds (DMS) coordinate alphanumeric representations or decimal equivalent geographic coordinate alphanumeric representations and altitude alphanumeric representations into individual discrete all-natural number geographic coordinate and measurement representations; and

a converting unit configured to concatenate the individual discrete all-natural number geographic coordinate and measurement representations into a single discrete all-natural number geospatial coordinate measurement representation for identification of a geospatial positional location at, below, or above earth's surface.

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26.   (New) A geospatial media recorder configured to record geospatial data at a location, comprising:

a media capturing unit configured to acquire geospatial referenced visual and audio information; and

a geospatial media encoder having a geospatial receiver, the geospatial media encoder configured to

capture geospatial location information of the media recorder at a first location,

geospatially reference a second location to the first location in accordance with the geospatial data associated with the geospatial receiver,

calculate at the first location and during media acquisition geospatial location of the objects or entities at the second location using field measurements of the objects or entities at the second location based on the geospatial data of the media recorder, and

convert latitude and longitude coordinates and additional spatial information comprising date, local time, and global time into the individual discrete all-natural number geographic coordinate and measurement representations for encoding onto a video frame at a time of media acquisition.

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